| CLAIMS ONLY     |  |  |  |              |                     |  |            | SERIAL NO. FILIN        |  |  |   |  | ATE  |  |
|-----------------|--|--|--|--------------|---------------------|--|------------|-------------------------|--|--|---|--|--|--|
|                 |  |  |  |              |                     |  |            | APPLICANT(S)            |  |  |   | <u> </u>   |  |  |
|                 |  |  |  |              |                     |  |            | ALL HOW                 | (3)  |  |   |  |  |  |
|                 |  |  |  |              |                     |  | CLAIMS     |                         |  |  |   |  |  |  |
|                 | AS FILED   |  | AFTER<br>1st AMENDMENT                           |              | AFTER 2nd AMENDMENT |  |            |                         | *  |  | <b>*</b> .  |  | *  |  |
|                 | IND.   | DEP.   | IND.   | DEP.         | IND.                | DEP.   |            |                         | IND.   | DEP.   | IND.  | DEP.   | IND.   | DEP.   |
| 1               |  |  |  |              |                     |  |            | 51                      |  |  |   |  |  |  |
| 2               |  |  |  |              |                     | ļ  |            | 52                      |  |  | ,   | <u> </u>   |  |  |
| 3               |  | _  | <del> </del>                                     |              | ļ                   |  |            | 53<br>54                |  |  |   | <del> </del>                                     |  | <del>                                     </del> |
| 5               |  | /  |  |              | -                   |  | }          | 55                      |  |  | <del> </del>                                      | <del> </del>                                     |  | <del>                                     </del> |
| 6               |  | /  |  |              | -                   |  | ŀ          | 56                      |  | <del> </del>                                     |   | <u> </u>   |  | <del>                                     </del> |
| 7               |  | /  | -  |              |                     | <b></b>  |            | 57                      |  |  |   | 1  |  | <u> </u>   |
| 8               |  | /  |  |              |                     |  |            | 58                      |  |  |   |  |  | ]  |
| 9               |  | /  |  |              | ļ                   | ļ <u>.</u>                                       |            | 59                      |  |  |   | 1  |  | ļ  |
| 10              |  | /  | <u> </u>   |              | <u> </u>            |  |            | 60                      |  |  | -   | -  |  | <del> </del>                                     |
| 11<br>12        |  | -  | ļ  | <del> </del> | -                   | <del> </del>                                     |            | 61<br>62                |  | -  | <del>                                     </del>  | <del> </del>                                     |  | <del>                                     </del> |
| 13              |  | <del>  -</del> -                                 | 1  | ļ · · · ·    | <b></b>             | <del>                                     </del> |            | 63                      |  | -  | <del>                                      </del> | +  |  | <del>                                     </del> |
| 14              |  |  | 1  | <u> </u>     | <b>T</b>            | <b>†</b>   | 1 1        | 64                      |  | 1  |   |  |  |  |
| 15              |  |  |  |              |                     |  | ]          | 65                      |  |  |   |  |  |  |
| 16              |  |  |  |              |                     |  |            | 66                      |  |  |   |  | ļ  |  |
| 17              |  | <u> </u>   | ļ  | ļ            | <b> </b>            | ļ  |            | 67                      | -  | ļ —  | -   | <del> </del>                                     | <del>                                     </del> | -  |
| 18              |  |  | -  | -            | -                   | <del> </del>                                     | 1          | 68<br>69                | ļ  | <del> </del>                                     | <del> </del>                                      | <del> </del>                                     | ┼  | +  |
| 19<br>20        |  | +  | +  | +            | -                   | <del> </del>                                     | .          | 70                      | -  | <del> </del>                                     | -   | +  | 1  | +  |
| 21              |  | <del> </del>                                     | +-   |              | 1                   | †  | 1          | 71                      | <b> </b>   | †  | 1   | <del>                                     </del> | †  | <del>                                     </del> |
| 22              |  |  |  |              | 1                   |  | 1          | 72                      |  |  |   |  |  |  |
| 23              |  |  | Ī  |              |                     |  | ] :        | 73                      |  |  |   |  |  |  |
| 24              |  | <u> </u>   | ļ  |              | ↓                   | <u> </u>   |            | 74                      |  | <del> </del>                                     | <u> </u>  | <b></b>  | <u> </u>   | <del>                                     </del> |
| 25              |  | <b>├</b> ─                                       | <u> </u>   | <u> </u>     | <u> </u>            | 1  |            | 75                      |  | <del> </del>                                     | <u> </u>  | <del>-</del>                                     | <b> </b>   | <b>-</b>   |
| 26<br>27        |  | -  | +  | <del> </del> | <del> </del>        | <del> </del>                                     | -          | 76<br>77                | <u> </u>   | <del> </del>                                     | <del> </del>                                      | -  | -  |  |
| 28              |  | -  | <del>                                     </del> | <del> </del> | +                   | -  | 1          | 78                      |  | <del> </del>                                     | ┼──   | <del> </del> -                                   | 1  | <del> </del>                                     |
| 29              |  | <del> </del>                                     |  |              | <b>†</b>            | †  |            | 79                      |  | <u> </u>   | 1   |  | 1  | 1  |
| 30              |  |  | 1  |              |                     |  | 1          | 80                      |  | 1  |   |  |  |  |
| 31              |  |  |  |              |                     |  | ]          | 81                      |  |  | ļ   |  |  | <u> </u>   |
| 32              |  | ļ  |  | <u> </u>     |                     | ↓  |            | 82                      | ļ  | ļ  | <u> </u>  | -  | <del> </del>                                     | <del> </del>                                     |
| 33              | -  | <del> </del>                                     | +  | <b>-</b>     | <del> </del>        | - <del> </del>                                   | -          | 83<br>84                |  | ļ  |   | -  |  |  |
| 34<br>35        | <u> </u>   | <del> </del>                                     | +  | <del> </del> | +                   | +  | ┨          | 85                      |  | -  | ╁──-  |  | -  |  |
| 36              |  | <del>                                     </del> | 1  | +            |                     |  | 1          | 86                      | <del> </del>                                     | <del> </del>                                     | ╁   | <del>   </del>                                   | $\dagger$  |  |
| 37              |  | 1  |  | <u> </u>     | 1                   |  | 1          | 87                      |  |  | <u> </u>  | 1  |  | <u> </u>   |
| 38              |  |  |  |              |                     |  | ] '        | 88                      |  |  |   |  |  |  |
| 39              | ļ  | <u> </u>   | ļ  | 1            |                     |  | 4          | 89                      |  | 1  | <b> </b>  | <del> </del>                                     | 1  | 1  |
| 40              | -  | <del> </del>                                     | +  | <del> </del> | +                   |  | 1          | 90                      |  | -  | <del> </del>                                      | +  | <del> </del>                                     | +  |
| 41              | 1  |  | +  | +            | +                   | +  | 1          | 91<br>92                | <del> </del>                                     | +  | +-  | +  | +  | +  |
| 43              | <del> </del>                                     | +  | +  | +            | +                   | +-   | 1          | 93                      | <del>                                     </del> | +  | <del>                                     </del>  |  | +  | 1  |
| 44              |  | 1  | 1  | 1            |                     | 1  | 1          | 94                      |  |  |   |  |  |  |
| 45              | <u> </u>   |  |  |              |                     |  | ]          | 95                      |  |  |   |  |  | I  |
| 46              |  |  |  |              |                     |  | _          | 96                      |  | ļ  | $\perp$   | ļ  |  | <b></b>  |
| 47              | <u> </u>   | 1  | <del> </del>                                     |              | -                   | <del> </del>                                     | 4          | 97                      | ļ  |  |   | -  | <del> </del>                                     | <del> </del>                                     |
| <u>48</u><br>49 | <b>├</b>   | +  | -  | +            | <del>↓</del>        |  | 4          | 98<br>99                |  | <del> </del>                                     | ┼   | +-   | ╁  | +-   |
| 50              | <del>                                     </del> | +-   | +  | +            | +                   | +  | 1          | 100                     | $\vdash$   | <del>                                     </del> | +-  | +  | <del> </del>                                     | 1  |
| TOTAL           | 1  |  | +  | п            | +                   |  | 1          | TOTAL                   | <del> </del>                                     | п  | 1   | л  |  | 1 ,  |
| IND.            | + '-   | ] 🕏  | <del></del>                                      | ا ك          |                     | J ₽  |            | IND.                    | <del> </del>                                     | ] 🔁  | -   | 7 🕏  |  | 7 50   |
| DER             | 19   | <del></del>                                      | ┼—   |              | +                   |  | -          | DEP.<br>TOTAL<br>CLAIMS | ├  | T  | -   | <del></del>                                      | -  | 1  |
| TOTAL<br>CLAIMS | 10   |  | <u> </u>   |              |                     |  | J          | CLAIMS                  | J  | ــــــــــــــــــــــــــــــــــــــ           | 1   |  | Ь  | <del>!</del>                                     |
|                 |  |  |  | * MAY        | BE USED             | FOR ADD  | OITIONAL C | ZLAIMS O                | R ADMEN  | IDMENTS  |   | PARTMEN  | AT OF CO   | MMERCE   |
| FORM P          | TO-2022 (1                                       | 1-98)  |  |              |                     |  |            |                         |  |  | Patent  | and Trade  | mark Offic                                       | MMERCE<br>29                                     |